

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050229

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/117972 A1 (VIMPARI MARKKU) 26 June 2003 (2003-06-26) abstract figure 2 paragraph '0011! - paragraph '0017! paragraph '0033! - paragraph '0035! claim 1	1-7
X	EP 1 120 932 A (ABB RESEARCH LTD) 1 August 2001 (2001-08-01) abstract paragraph '0027! - paragraph '0028! claim 7 ----- -/-	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

5 October 2004

Date of mailing of the international search report

14/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Borges, P

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050229

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHINSUKE HARA ET AL: "THROUGHPUT PERFORMANCE OF SAW-ARQ PROTOCOL WITH ADAPTIVE PACKET LENGTH IN MOBILE PACKET DATA TRANSMISSION" IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 45, no. 3, 1 August 1996 (1996-08-01), pages 561-569, XP000632299 ISSN: 0018-9545 the whole document	1-7
X	----- US 5 490 168 A (PHILLIPS SHARON E T ET AL) 6 February 1996 (1996-02-06) figure 3	1-7
X	----- US 2003/161326 A1 (PAZHYANNUR RAJESH S ET AL) 28 August 2003 (2003-08-28) figure 4 paragraph '0022! - paragraph '0023! -----	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050229

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003117972	A1	26-06-2003	NONE	
EP 1120932	A	01-08-2001	EP 1120932 A1	01-08-2001
US 5490168	A	06-02-1996	AU 676439 B2	06-03-1997
			AU 2472795 A	09-02-1996
			CA 2167945 A1	25-01-1996
			CN 1130452 A	04-09-1996
			EP 0717893 A1	26-06-1996
			WO 9602096 A1	25-01-1996
US 2003161326	A1	28-08-2003	WO 03073681 A1	04-09-2003